

Basic Lab Considerations:

1. Set up
 - a. What quantity of materials is needed for each group/student?
 - b. Space use in room?
 - c. Lab stations clearly labeled?
 - d. Sufficient work area for students?
2. Material distribution
 - a. What materials do the students need?
 - b. What is the most efficient way to get these to students?
3. Pre Lab
 - a. Expectations/objectives/purpose for the day
 - b. Safety considerations
 - c. Overview of lab set-up
 - d. What to do if lab is not completed during the hour
 - e. How this lab fits into the curriculum
 - f. Clean up
4. Hand outs
 - a. Procedure (can also be at lab stations)
 - b. Data recording
 - c. Application/analysis
5. Assessment
 - a. How do I assess whether or not students are doing lab properly?
 - b. What will I have students do with their data?
 - c. How will I know that students have understood the concept the lab was illustrating?
6. Post lab
 - a. What to do with data/discussion
 - b. Taking stock of student progress
 - c. What to do if not completed
 - d. Preview of tomorrow